ABSTRACT OF THE DISCLOSURE

The image forming apparatus and image forming method according to the present invention have an object of outputting a latent image formed on an intermediate recording medium as a stable image when it

5   is developed with toner on a medium such as paper or the like, to improve more the concentration of pixel values, by adding all of N pixels in N-pixel modulation and rearranging them with a screen-line position as a reference situated at the center, thereby to reduce

10   boundaries between image portions and non-image portions in the sub-scanning direction. Specifically, to concentrate image parts of image signals of N pixels, pixel values of all consecutive pixels in the

15   main scanning direction are added, and the pixels are rearranged with a screen-line position as a reference situated at the center, based on the addition result. If the addition result exceeds the maximum value of one pixel, the exceeding pixel is rearranged and outputted.